

LAND RECLAMATION COMMISSION

STATE OF MISSOURI

P.O. BOX 176

JEFFERSON CITY, MISSOURI 65102

573-751-4041

Permit To Engage in Surface Mining

LAND RECLAMATION COMMISSION

ISSUES TO

BASE ROCK MATERIALS, INC.

Pursuant to "The Land Reclamation Act," RSMo, 2001, and on conformity with the statements

In the application, a permit is hereby granted to engage in surface mining of

limestone in the state of Missouri. The extent of the

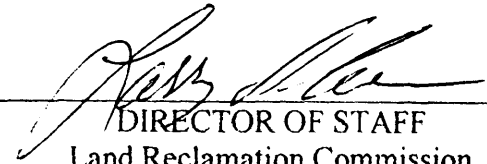
Proposed mining operation(s) will be on five acres, more or less.

The locations of the operation(s) under this permit is/are as follows: Renewal

County	Section	Township	Range	Acres Renewed	Acres New	Total Acres	Site/Stream Name	Site Number
Ste. Genevieve	25, 36	38N	07E	5	0	5	Plant #2	0525

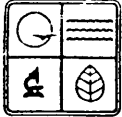
This permit may be suspended or revoked upon violation of any or all of the conditions set forth in "The Land Reclamation Act," RSMo. 2001, or in such rules and regulations as are promulgated pursuant thereto by the Land Reclamation Commission.

IN WITNESS WHEREOF I have hereunto set my hand this 26th day of May 2004


DIRECTOR OF STAFF
Land Reclamation Commission

Permit No. 0577
Effective Date 05/21/2004
Expiration Date 05/20/2005

MAY 6 2004



MISSOURI DEPARTMENT OF NATURAL RESOURCES
LAND RECLAMATION COMMISSION

PERMIT RENEWAL FOR INDUSTRIAL MINERAL MINES

MISSOURI LAND
RECLAMATION COMMI

P.O. BOX 176
JEFFERSON CITY, MO 65102-0176

NAME OF CORPORATION, COMPANY, PARTNERSHIP OR INDIVIDUAL Base Rock Materials Inc.		DATE 4-7-04	
ADDRESS 21471 Hwy 32		CITY Ste Genevieve	STATE Mo
CONTACT PERSON Kerry Euman		ZIP CODE 63670	
		TELEPHONE NUMBER 273-883-7444	

FEES: COMPLETE SECTION I OR SECTION II

SECTION I. Fees: Open pit operators and those mining more than 5,000 tons of sand and/or gravel:

1. To compute the site fee complete the information below:

SITE NAME OR NUMBER (add a separate sheet for additional sites)	Mark each month that the site will be operated during the permit year	For sites operated less than six months per permit year pay \$150 For sites operated six months or more per permit year pay \$300
1. A E A Limestone	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$ 300.00
2.	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$
3.	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$
4.	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$
5.	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$
6.	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$
7.	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$
8.	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$
9.	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$
10.	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$
TOTAL SITE FEE →		\$

2. Acreage Fee \$5 X 5 number of acres bonded\$ 25.00

3. Annual Permit Fee.....\$ 500

4. Total Fee (Add totals from 1, 2 and 3).....\$ 825.00

NOTE: If Total Fee exceeds \$2,500.00 then pay only \$ 2,500

SECTION II. FEES: Sand or gravel operators mining less than 5,000 tons per year:

1. Annual Permit Fee.....\$ 300

SIGNATURE OF APPLICANT <i>Kelly M. B...</i>		TITLE <i>MANAGER</i>		DATE <i>4-28-04</i>
Appeared before me this <i>28th</i> day of <i>April</i> , 20 <i>04</i> to me personally known, who executed the above as their free acts and deeds.				
NOTARY PUBLIC EMBOSSEER SEAL	STATE OF <i>Missouri</i>		COUNTY (OR CITY OF ST. LOUIS) <i>St. Francois</i>	
	SUBSCRIBED AND SWORN BEFORE ME, THIS <i>28th</i> DAY OF <i>April</i> YEAR <i>2004</i>		USE RUBBER STAMP IN CLEAR AREA BELOW.	
	NOTARY PUBLIC SIGNATURE <i>Melanie Wright</i>	MY COMMISSION EXPIRES <i>3/10/08</i>		
	NOTARY PUBLIC NAME (TYPED OR PRINTED) <i>MELANIE Wright</i>			
FOR DEPARTMENT USE ONLY: APPROVED BY <i>[Signature]</i>		DATE APPROVED <i>5-14-04</i>	PERMIT NUMBER <i>0577</i>	<i>5-22-05</i>



MISSOURI DEPARTMENT OF NATURAL RESOURCES
LAND RECLAMATION COMMISSION
SITE INFORMATION FORM

RECEIVED
MAR 1 * 1995

To be completed for each separate area of disturbance associated with mining operations.

MISSOURIA

RECLAMATION COMMISSION

SITE NAME OR NUMBER A & A Limestone (Plant #2)		PERMIT NUMBER 0577
COMPANY NAME Base Rock Materials, Inc.		
COUNTY Ste. Genevieve	1/4 SECTION SE	SECTION 25 + 36
TOWNSHIP 38N	RANGE 7E	ACRES 50
RIVER OR STREAM NAME (FOR IN-STREAM ACRES) N/A		
MINERAL COMMODITY Limestone		ESTIMATED TONS/YEAR (FOR GRAVEL SITES)

NAME OF LANDOWNER (ATTACH LIST IF MORE THAN ONE) Art & Adrian Bauman		
ADDRESS 11687 Zell Road		
CITY Ste. Genevieve	STATE MO	ZIP CODE 63670
SOURCE OF RIGHT TO MINE (CHECK ONE): <input type="checkbox"/> MINERAL DEED <input type="checkbox"/> WARRANTY DEED <input type="checkbox"/> OTHER (DESCRIBE):		DATE OF AGREEMENT July 1995
<input type="checkbox"/> LEASE <input checked="" type="checkbox"/> VERBAL AGREEMENT		

MINERAL RIGHTS OWNER (ATTACH LIST IF MORE THAN ONE) Same		
ADDRESS		
CITY	STATE	ZIP CODE
SOURCE OF RIGHT TO MINE (CHECK ONE): <input type="checkbox"/> MINERAL DEED <input type="checkbox"/> WARRANTY DEED <input type="checkbox"/> OTHER (DESCRIBE):		DATE OF AGREEMENT
<input type="checkbox"/> LEASE <input type="checkbox"/> VERBAL AGREEMENT		

NOTE: Each site must be shown on a map and be included in a public notice and an approved mine plan.



MISSOURI DEPARTMENT OF NATURAL RESOURCES
LAND RECLAMATION COMMISSION
MINE PLAN

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MAR 18 1996

P.O. BOX 178
JEFFERSON CITY, MO 65102

TYPE OF PLAN (CHECK ONE):

☐ SHORT TERM, FOR ONE PERMIT YEAR

☒ LONG TERM, FOR PERIOD THROUGH DATE: 1/1/2011

MISSOURI LAND
RECLAMATION COMMISSION

DESCRIPTION OF SITE PRIOR TO LAND RECLAMATION COMMISSION PERMITTING (BY APPLICANT OR PRIOR OPERATOR), INCLUDING SOIL, VEGETATION AND TOPOGRAPHY.

This plan covers approximately 50 acres (See map #1). This area is steeply sloped with exposed rock and sparsely wooded. Topsoil is thin (about 1") between exposed rocky areas. The area is bordered on the south by Hwy "O".

OPERATION PLAN - 10 CSR 40-10.020(2)(D)1.

A. TOPSOIL

AVERAGE DEPTH OF TOPSOIL, PRIOR TO LAND RECLAMATION COMMISSION PERMITTING

<1 INCHES

IS TOPSOIL TO BE SOLD OR DISCARDED OFFSITE?

☐ YES OR ☒ NO

DESCRIBE METHODS AND EQUIPMENT USED FOR TOPSOIL REMOVAL

The brush and trees will be cleared with a dozer. The topsoil will not be removed because there is so little of it.

DESCRIBE METHODS AND EQUIPMENT USED FOR TOPSOIL STORAGE AND PROTECTION

N/A

B. SPOIL

DESCRIBE METHODS AND LOCATION OF SPOIL PLACEMENT AND DISPOSAL

N/A

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MAR 18 1996MISSOURI LAND
RECLAMATION COMMISSION**C. ACID MATERIALS**

DESCRIBE METHODS AND EQUIPMENT USED FOR HANDLING ACID MATERIALS (IF NONE IS ANTICIPATED, WRITE "NONE" BELOW)

N/A

D. PIT INFORMATION (GIVE ALL DIMENSIONS IN FEET)

DESCRIBE LOCATION AND ORIENTATION OF PIT, IF NOT CLEAR ON SITE MAPS

The mining will start in the Northeast corner of the plan and will work towards the South approximately 400 to 500 feet. It will then go towards the West.

YES NO☐ ☒ Will any excavation be at or within fifty feet (50') of the right-of-way of any public road?☐ ☒ Will any highwall consisting of unconsolidated materials be left within fifty feet of the right-of-way of any public road? (NOTE: For unconsolidated materials left in place, a slope of no more than forty degrees may start near the right of way, and in no case may the excavation be closer to the right of way than fifty feet or twenty-five feet plus one and one-half (1-½) times the depth of unconsolidated material, whichever is greater, unless a variance is granted by the Commission.)☐ ☒ Will any excavation start at or within fifty feet (50') of any property line?
(NOTE: If the answer is "yes", a safety barrier may be needed.)

RECLAMATION PLAN - 10 CSR 40-10.020(2)(D)2.

MISSOURI LAND

A. REVEGETATION (Attach additional sheets, if needed) RECLAMATION COMMISSION

REVEGETATION MIX #1 <div style="text-align: center;">#1</div>	PURPOSE OR LAND USE <div style="text-align: center;">Wildlife Agricultural K.M.B.</div>	B. SEEDING OR PLANTING TIME <div style="text-align: center;">March to May</div>
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DESCRIBE METHODS AND EQUIPMENT TO BE USED FOR SEEDING OR PLANTING

The edges of the pit will be reseeded the first spring after mining is completed in those areas.

Lime and fertilizer will be applied according to recommendations made, based on an analysis of soil texture and nutrients. Mulch will be applied to all slopes exceeding 5:1.

SEEDED SPECIES	POUNDS/ACRE	TREE OR SHRUB SPECIES	STEMS/ACRE
Orchard Grass Red Clover Fescue	20 15 15		

REVEGETATION MIX #2	PURPOSE OR LAND USE	B. SEEDING OR PLANTING TIME
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DESCRIBE METHODS AND EQUIPMENT TO BE USED FOR SEEDING OR PLANTING

Lime and fertilizer will be applied according to recommendations made, based on an analysis of soil texture and nutrients. Mulch will be applied to all slopes exceeding 5:1.

SEEDED SPECIES	POUNDS/ACRE	TREE OR SHRUB SPECIES	STEMS/ACRE

ATTACH ADDITIONAL SHEETS FOR ADDITIONAL SEED MIXES.

B. GRADING

DESCRIBE PROPOSED RECLAIMED TOPOGRAPHY, INCLUDING SLOPES

MISSOURI
RECLAMATION COMMISSION

With the exception of the 100' wide entrance to the pit, the four sides will consist of the highwalls. The perimeter of the pit will be lined with boulders. About $\frac{1}{2}$ of pit area will consist of a water impoundment. The balance will be used as agricultural. Any disturbed areas will be shaped, seeded, and strawed.

C. DESCRIBE THE GENERAL SEQUENCE AND TIMING OF THE FOLLOWING ACTIVITIES

GRADING

Grading will take place after mining in this area is complete.

Within 12 months of expiration of the permit.

REPLACEMENT OF TOPSOIL

There is no topsoil to put back. The exposed areas will be used for implement and hay storage.

Within 12 months of expiration of the permit.

REVEGETATION

The areas to be reseeded as soon as favorable conditions allow.

Within 24 months of expiration of the permit.

AVERAGE DEPTH OF REPLACED TOPSOIL (INCHES)

N/A

D. USE OF LAND WHEN RECLAIMED

Estimate acreage of each land use below, after reclamation

ESTIMATED ACRES:

Wildlife (forest or other habitat with livestock excluded)

19

Agricultural (pasture, cropland, and horticultural)

33 16

Development (residential, industrial, and recreational)

Water impoundments (for wildlife, agricultural, or development)

17 15

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MAR 18 1996

MISSOURI LAND
RECLAMATION COMMISSION

By my signature, I attest to the following:

1. All statements made on this Mine Plan Form are correct, complete, and true, to the best of my knowledge.
2. I or the company I am authorized to represent intend(s) to mine in accordance with this Mine Plan Form, and in accordance with the Missouri Land Reclamation Act, Sections 444.760 through 444.789, RSMo (Supp. 1990), and all rules, regulations, orders, decisions and permits of the Missouri Land Reclamation Commission pertaining to my company's surface mining operations.
3. I have obtained the approval of all landowner's for all proposed post-reclamation land uses.
4. I have a valid agreement with all landowners which gives me the right to grant access to the Director of the Missouri Land Reclamation Commission and his authorized representatives, and I grant such access, and further where I have no such right, I have attached signed affidavits from the landowners, granting such access.

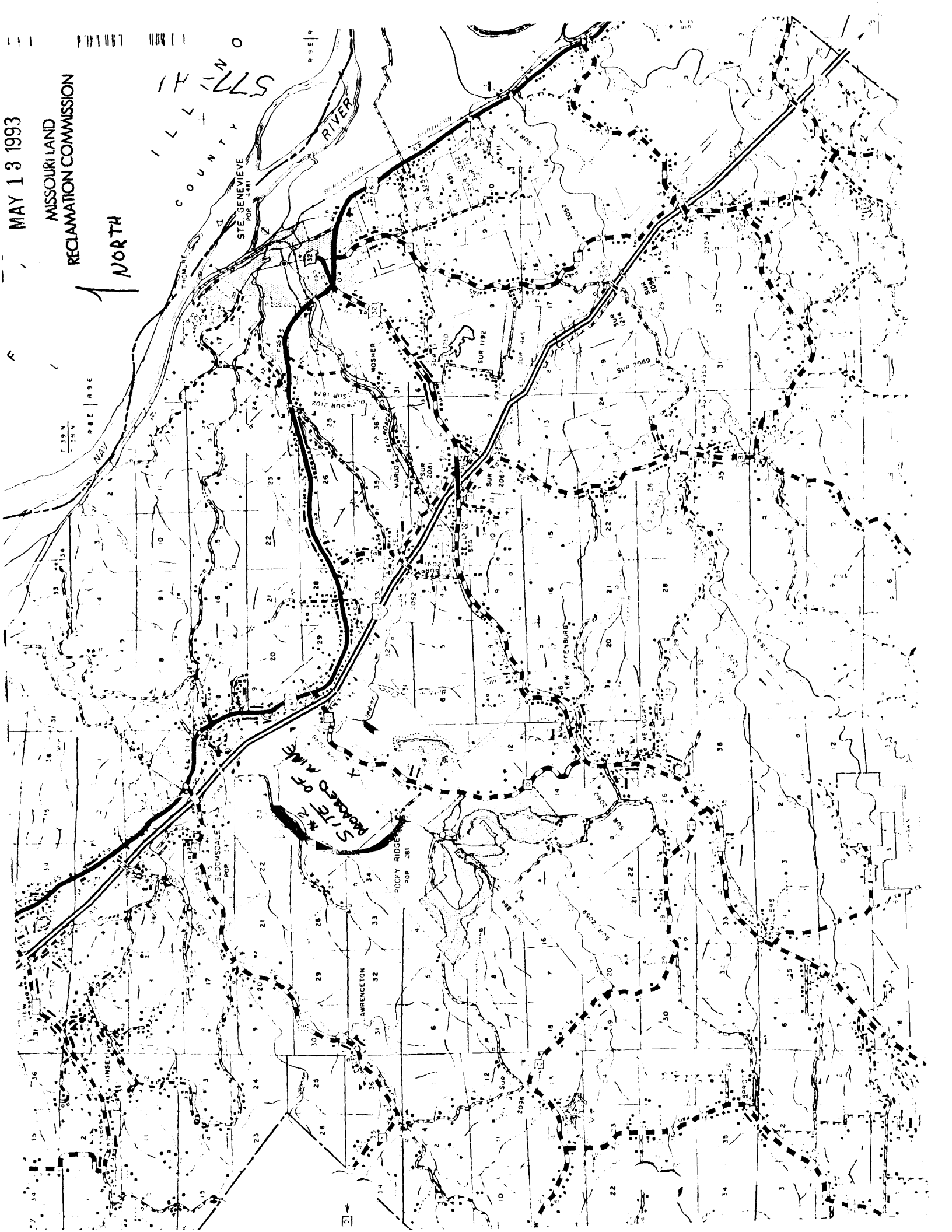
SIGNATURE OF APPLICANT <i>Kerry M. Bauman</i>		TITLE Manager	DATE 2-29-96
NOTARY PUBLIC EMBOSSE SEAL	STATE Missouri	COUNTY (OR CITY OF ST. LOUIS) Ste Genevieve	
	SUBSCRIBED AND SWORN BEFORE ME, THIS 14 DAY OF March 19 96		USE RUBBER STAMP IN CLEAR AREA BELOW MARGARET A. SCHWEIGERT NOTARY PUBLIC MISSOURI
	NOTARY PUBLIC SIGNATURE <i>Margaret A. Schweigert</i>	MY COMMISSION EXPIRES 2-2-2000	
	NOTARY PUBLIC NAME (TYPED OR PRINTED) Margaret A Schweigert		
APPROVED BY (DIRECTOR'S REPRESENTATIVE) MEC, P.C.		DATE APPROVED 4/16/96	PERMIT NUMBER 577

MAY 13 1993

MISSOURI LAND
RECLAMATION COMMISSION

NORTH

577-11



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APR 21 1997

MISSOURI LAND
RECLAMATION COMMISSION

Property
Boundary

3
661.07 AC

SEVERED
SEE

EXISTING PIT 15 ACRES

GREEN

NEW
5. ACRES

3
02AC

488.87
802.18
513.50
835.78
903.73

Hwy 0

WILDLIFE
AREAS

APPROX 500'

100'

50' MIN

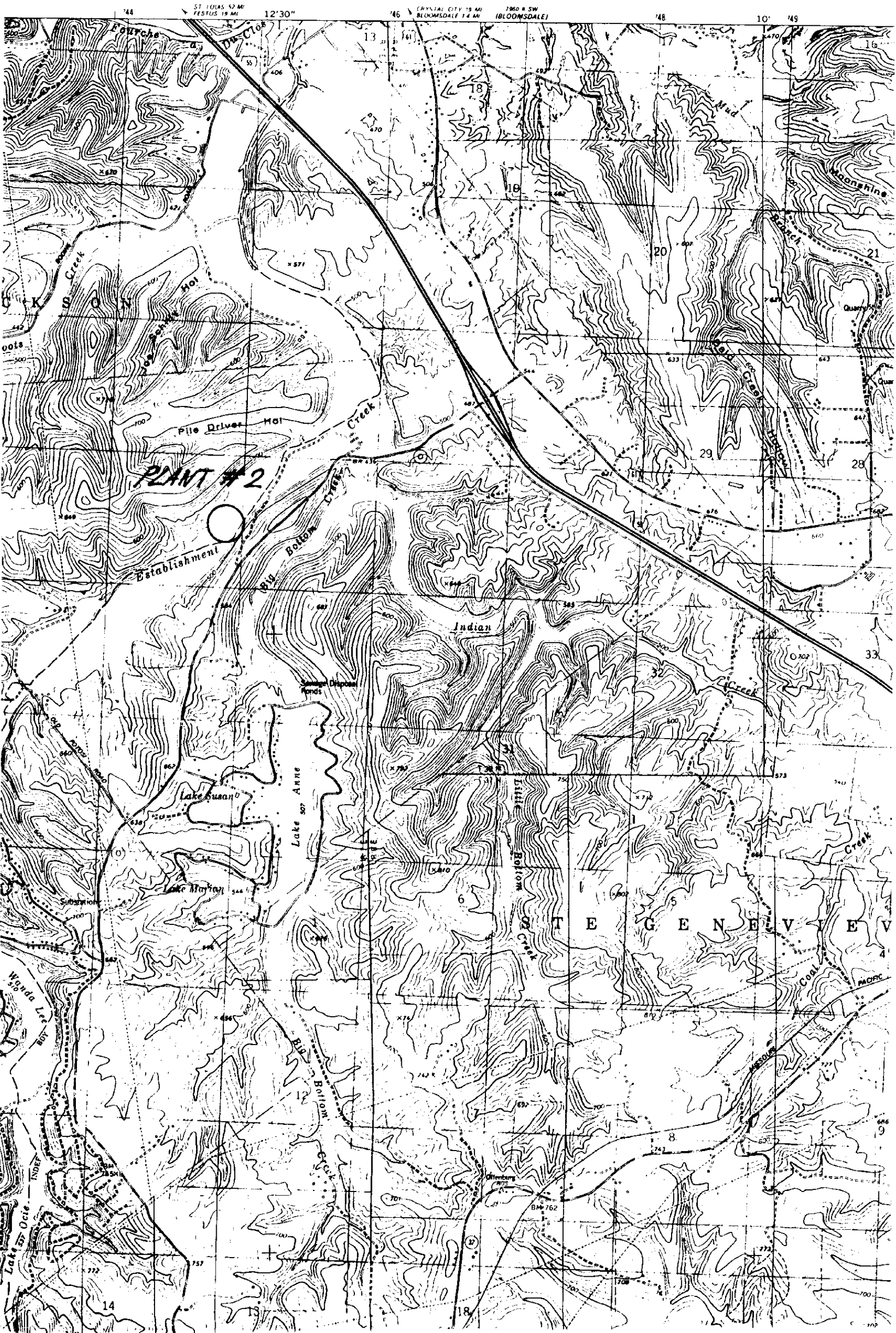
2000'-3000'

WILDLIFE
AREAS

ROAD TO TOP OF HILL

RECEIVED
MAR 18 1966

MISSOURI LAND
MANAGEMENT COMMISSION



BASE ROCK MATERIALS

U.S. SURVEY 2046
ST. GENEVIEVE COUNTY